Jeffrey N. Bryan, DVM, MS, PhD, DACVIM (Oncology), Associate Director, Scott Endowed Program in Veterinary Oncology and Professor of Oncology, College of Veterinary Medicine, University of Missouri

> **Interview:** Arrive on Sunday, Feb 8 through Tuesday, Feb 10
> **Campus Forum:** Monday, Feb 9, 3:30 – 4:30 PM, Room 148, Robert J. Panciera Education Center <u>and</u> via Zoom (link will be included in posted itinerary)
> **Reception:** Immediately following in foyer

Dr. Jeffrey Bryan is a Professor of Oncology in the College of Veterinary Medicine at the University of Missouri, where he has dedicated his career to advancing cancer research for both animals and people. A graduate of the University of California, Davis, where he earned his bachelor's degree and Doctor of Veterinary Medicine, Dr. Bryan practiced veterinary medicine in San Francisco for nearly a decade before returning to academia. At the University of Missouri, he earned his master's and doctoral degrees in Biomedical Sciences and Pathobiology, completed a residency in medical oncology, and became a board-certified veterinary oncologist. He also completed postdoctoral training in bioinformatics.

Dr. Bryan and his colleagues in the Comparative Oncology Radiobiology and Epigenetics Laboratory (COREL) study cancer in companion animals and engineered animal models to better understand how the disease develops and responds to treatment. This study of comparative oncology aims to better understand cancer in all species. Through this lens, his research explores how naturally occurring cancers in pets can help reveal new therapies, improve diagnostic imaging, and guide treatment for human patients. The COREL helped pioneer a T-cell immunotherapy approach that significantly extended survival for dogs with bone cancer, leading to USDA approval. Success in dogs helped pave the way for human clinical trials in brain cancer. His research team also collaborates with national partners such as the Mayo Clinic and the National Institutes of Health to test innovative CAR-T cell treatments and immunotherapies for lymphoma, sarcoma, and other cancers.

As Director of the University's PET Imaging Center, Dr. Bryan has expanded the use of advanced imaging and radioactive tracers to track and treat tumors. His studies in radiopharmaceutical therapy have contributed to the development of new diagnostic tools and targeted therapies.

Beyond his laboratory work, Dr. Bryan has served in numerous leadership roles at the University of Missouri and in national professional organizations. He is the Associate Chair for Research and Graduate Studies in his department, Associate Director of Comparative Oncology at the Ellis Fischel Cancer Center, and a past member of the Board of Regents of the American College of Veterinary Internal Medicine. He also serves on the Executive Committee of the Veterinary Cancer Society, where he currently serves as past-president. He was the Faculty Research Lead in the design and development of the cancer research strategy for the NextGen Precision Health Initiative and facility.

Dr. Bryan's contributions have been recognized with numerous awards, including the Zoetis Award for Veterinary Research Excellence, the Dean's Impact Award, and multiple teaching honors. Known for his engaging mentorship and dedication to discovery, he has trained countless veterinary students, residents, and graduate researchers.

Through his work, Dr. Bryan continues to exemplify the University of Missouri's mission to *teach, heal, discover, and serve*, transforming what we learn from animals with cancer into new hope for people fighting the same disease.